

Converting Colors

Yxy(58.6317, 0.3749, 0.3292)

Have a look what the booklet for
Yxy(58.6317, 0.3749, 0.3292)
contains.

Yxy(58.5459, 0.3752, 0.3292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.5459, 0.3752, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7B7
RGB	255, 183, 183
RGB Percent	100%, 72%, 72%
CMY	0.0000, 0.2824, 0.2824
CMYK	0.00, 0.28, 0.28, 0.00
HSL	0°, 100%, 86%
HSV	0°, 28%, 100%
XYZ	66.7267, 58.5459, 52.5704
YIQ	204.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

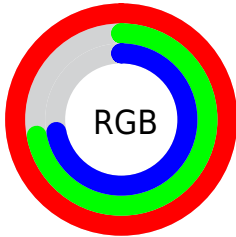
Format	Color
R _Y B	255, 183, 183
Decimal	16758711
CIE Lab	81.04, 26.10, 10.41
CIE LCh	81, 28.101, 21.748
Yxy	58.5459, 0.3752, 0.3292
Android (android.graphics.Color)	4294948791 (0xFFFFB7B7)
YUV	204.5280, -10.6133, 44.2639
Hunter-Lab	76.5153, 21.7627, 12.8251

Details

The Yxy color **58.5459, 0.3752, 0.3292** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7930, 0.2716, 0.3289**, and the grayscale version is **60.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2250, 0.3234, 0.3290**, and **29.4473, 0.3917, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **47.9948, 0.4083, 0.3293**, and if you desaturate by 10%, it is **71.1883, 0.3484, 0.3291**.

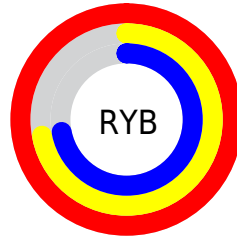
Distribution



Red (100%)

Green (72%)

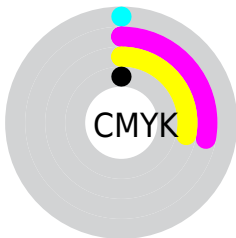
Blue (72%)



Red (100%)

Yellow (72%)

Blue (72%)

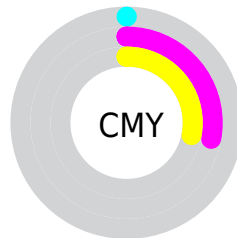


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5459, 0.3752, 0.3292 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 58.5459, 0.3752, 0.3292 by changing the saturation by 10% instead.


 58.5459, 0.3752,
0.3292

 58.5459, 0.3752,
0.3292

419.2170, 0.3449,
0.3298

 42.2477, 0.3825,
0.3289

 102.7174, 0.3644,
0.3295

 29.2953, 0.3917,
0.3284


131.3594, 0.3603,
0.3296

 19.3043, 0.4036,
0.3276


164.8849, 0.3568,
0.3297

 11.8904, 0.4198,
0.3263

203.6782, 0.3537,
0.3297

 6.6691, 0.4426,
0.3239

248.1236, 0.3511,
0.3297

 3.2560, 0.4774,
0.3189


298.6056, 0.3488,

 1.2668, 0.5414,


0.3298


0.3107


355.5086, 0.3467,
0.3298


 0.1153, 0.8663,
0.1337


 0.0000, 0.0000,
0.0000


 58.5459, 0.3752,
0.3292

 58.5459, 0.3752,
0.3292

 47.9948, 0.4083,
0.3293

 71.1883, 0.3484,
0.3291

 39.4301, 0.4483,
0.3294

 86.0351, 0.3270,
0.3290

 32.7250, 0.4942,
0.3296

100.0000, 0.3127,
0.3290

 27.7417, 0.5428,
0.3297

■ 24.3232, 0.5876,
0.3298

■ 22.2839, 0.6209,
0.3299

■ 21.3684, 0.6380,
0.3300

■ 21.2614, 0.6401,
0.3300

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



58.5459, 0.3470, 0.3010



58.5459, 0.3752, 0.3292



58.5459, 0.3855, 0.3589

Triad

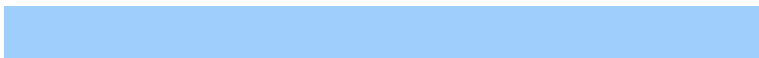
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.5459, 0.3752, 0.3292



58.5459, 0.3118, 0.3859



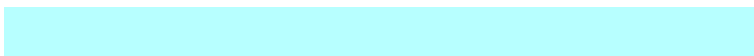
58.5459, 0.2529, 0.2740

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



58.5459, 0.3752, 0.3292



88.7930, 0.2716, 0.3289

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.5459, 0.2450, 0.2928



58.5459, 0.3752, 0.3292



58.5459, 0.2776, 0.3590

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.5459, 0.3752, 0.3292



58.5459, 0.3475, 0.3943



58.5459, 0.2537, 0.3238



58.5459, 0.2762, 0.2699

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.5459, 0.3752, 0.3292



58.5459, 0.3806, 0.3762



58.5459, 0.2537, 0.3238



58.5459, 0.2485, 0.2786

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



58.5431, 0.3752, 0.3292



86.4258, 0.3266, 0.3290



62.3377, 0.3160, 0.2585



17.9878, 0.3295, 0.3291



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.5431, 0.3752, 0.3292



52.2225, 0.3934, 0.3293



75.3351, 0.3650, 0.3660



17.9878, 0.3295, 0.3291



11.1098, 0.6401, 0.3300



1.0820, 0.6400, 0.3300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88.7930, 0.2716, 0.3289



87.0840, 0.2644, 0.3288



67.9417, 0.2674, 0.2888



20.4807, 0.2980, 0.3290



41.1224, 0.2246, 0.3287



4.0042, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 58.5459, 0.3752, 0.3292 looks on a white background.

Color Contrast Check

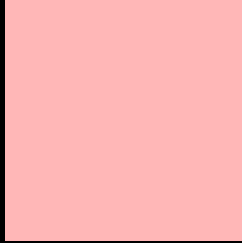
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 58.5459, 0.3752, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

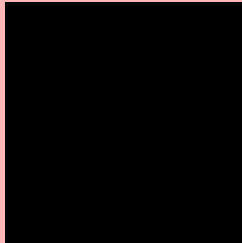
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5459, 0.3752, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 58.5459, 0.3752, 0.3292.



This preview shows how white text looks on a background with the Yxy color 58.5459, 0.3752, 0.3292.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

58.5459, 0.3752, 0.3292

Protanopia

58.8889, 0.3233, 0.3385

Deuteranopia

58.5778, 0.3518, 0.3438



Tritanopia

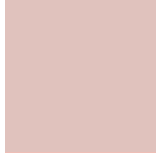
58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.5459, 0.3752, 0.3292



Protanomaly

58.1050, 0.3412, 0.3348



Deuteranomaly

58.3815, 0.3596, 0.3380



Tritanomaly

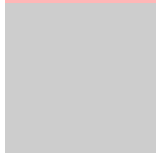
58.4775, 0.3684, 0.3198

Monochromacy



Original Color

58.5459, 0.3752, 0.3292



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.6517, 0.3336, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5459, 0.3752, 0.3292 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 183)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 183) }
```

Border

The CSS property to change the border of an element to Yxy 58.5459, 0.3752, 0.3292 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 183, 183) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 183, 183) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 183, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 183, 183); box-shadow:4px 4px 4px 4px rgb(255, 183, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5459, 0.3752, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 183) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
183, 183) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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